

What is claimed is:

1. Low transmittance glass composed of soda-lime-silica glass,
wherein said soda-lime-silica glass includes 0.001 to 2
wt.% Li_2O and, as colorant, 0.7 to 2.2 wt.% total iron oxide
5 expressed as Fe_2O_3 (T- Fe_2O_3); and

wherein said glass has visible light transmittance (YA) of
not greater than 65%, measured by using the CIE illuminant A,
total solar radiation transmittance (TG) of not greater than 60%,
and ultraviolet transmittance (T_{uv}) defined by ISO 9050 of not
10 greater than 25%, when said glass has a thickness between 2.1 mm
and 6 mm.

2. Low transmittance glass as claimed in claim 1, wherein Li_2O is
contained in an amount of less than 2 wt.%.

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3. Low transmittance glass as claimed in claim 1, wherein Li_2O is
contained in an amount of 0.05 to 0.5 wt.%.

4. Low transmittance glass as claimed in claim 1, wherein said
20 low transmittance glass includes FeO expressed as Fe_2O_3 in an
amount of 20 to 50% of T- Fe_2O_3 .

5. Low transmittance glass as claimed in claim 1, wherein said
low transmittance glass has base glass composition consisting
25 essentially of:

65 to 80 wt.% SiO_2 ;

0 to 5 wt.% Al_2O_3 ;

0 to 10 wt.% MgO ;

5 to 15 wt.% CaO wherein a total amount of MgO and CaO is 5 to 15 wt.%; 10 to 20 wt.% Na₂O;

0 to 5 wt.% K₂O wherein a total amount of Na₂O and K₂O is 10 to 20 wt.%; and

5 0 to 5 wt.% B₂O₃.

6. Low transmittance glass as claimed in claim 1, wherein said low transmittance glass includes at least one selected from the group consisting of Se, CoO, Cr₂O₃ and NiO as colorant.

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7. Low transmittance glass as claimed in claim 6, wherein said low transmittance glass includes 0.0001 to 0.1 wt.% Se.

8. Low transmittance glass as claimed in claim 6, wherein said
15 low transmittance glass includes 0.0001 to 0.1 wt.% CoO.

9. Low transmittance glass as claimed in claim 6, wherein said low transmittance glass includes 0.001 to 2 wt.% Cr₂O₃.

20 10. Low transmittance glass as claimed in claim 6, wherein said low transmittance glass includes 0.001 to 2 wt.% NiO.

11. Low transmittance glass as claimed in claim 1, wherein said low transmittance glass includes at least one selected from the
25 group consisting of TiO₂, CeO₂, MoO₃, V₂O₅ and La₂O₃ as colorant in an amount of 0.0001 to 1 wt.%.

12. Low transmittance glass as claimed in claim 1, wherein said low transmittance glass has visible light transmittance (YA) of

5 to 65%, measured by using the CIE illuminant A, total solar radiation transmittance (TG) of not greater than 50%, and ultraviolet transmittance (Tuv) defined by ISO 9050 not greater than 20%, when said glass has a thickness between 2.1 mm and 6 mm.